

WHAT IS CLAIMED IS:

1. (Currently Amended) A combustion additive comprising iron naphthenate and a hydrocarbonaceous solvent, the additive having a flash point greater than about 55° C and a cloud point less than -40° C; and a viscosity at 40° C of no more than 1.70 mm²/s.
2. (Original) The combustion additive described in claim 1, wherein the iron concentration in the additive is greater than 15 g/L.
3. (Original) The combustion additive described in claim 2, wherein the iron concentration in the additive is greater than 22 g/L.
4. (Original) The combustion additive described in claim 2, wherein the iron concentration in the additive is approximately 23.6 g/L.
5. (Original) The combustion additive described in claim 1, wherein the flash point of the solvent is about 150° F.
6. (Original) The combustion additive described in claim 1, wherein the solvent is an aromatic solvent.

7. (Original) The combustion additive described in claim 1, wherein the additive is adapted to be added to a diesel fuel.

8. (Original) The combustion additive described in claim 1, wherein the solvent has a boiling range of 150-300° C.

9. (Original) The combustion additive described in claim 1, wherein the solvent has an average molecular weight of 131-133 g/L.

10. (Original) The combustion additive described in claim 9, further wherein the solvent has a viscosity at 25° C of 1.2 mm²/s.

11. (Original) The combustion additive described in claim 9, further wherein the solvent has a density at 15° C of 0.880-0.910 g/ml.

12. (Cancelled) The combustion additive described in claim 1, where in the additive has a viscosity at 40° C of no more than 1.70 Mm²/s.

13. (Previously Amended) The combustion additive described in claim 1, wherein the additive has an iron concentration of 22.3 to 25.0 g/L, viscosity at 40° C of no more than 1.70 mm²/s, and a boiling range of solvent of 170-300° C.

14. – 25. (Cancelled)